

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs                | Default Operator | Plurals | Time Stamp          |
|-------|------|---|--------------------|------------------|---------|---------------------|
| L1    | 1    | (bit near scal\$3 with reciprocal with modulus).<br>clm.  | US-PGPUB;<br>USPAT | OR               | ON      | 2009/10/22<br>09:12 |
| S1    | 1    | ("5210710").PN.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/07/05<br>11:29 |
| S2    | 19   | ((("5077793") or<br>("5144574") or<br>("5373560") or<br>("5479511") or<br>("5513133") or<br>("5724279") or<br>("5764554") or<br>("5793659") or<br>("5870478") or<br>("5954788") or<br>("5999627") or<br>("6088453") or<br>("6091819") or<br>("6175850") or<br>("6366673") or<br>("6466668") or<br>("20020039418") or<br>("20020143836") or<br>("20020161810"))).PN. | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/06/28<br>19:08 |
| S3    | 5    | dupaquis.in.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/07/05<br>11:41 |
| S4    | 8    | douguet.in.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/07/05<br>11:41 |
| S5    | 1    | douguet-m\$.in.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/07/05<br>12:06 |
| S6    | 632  | atmel.as.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/07/05<br>12:06 |
| S7    | 5    | atmel.as. and modular<br>with reduc\$4  | US-PGPUB;<br>USPAT | OR               | ON      | 2007/07/05<br>12:07 |
| S8    | 8    | modular with reduc\$4 with<br>Barrett   | US-PGPUB;<br>USPAT | OR               | ON      | 2007/07/05<br>12:15 |
| S9    | 7205 | (Barrett modular) with<br>reduc\$4  | US-PGPUB;<br>USPAT | OR               | ON      | 2007/07/05<br>12:15 |
| S10   | 13   | (Barrett modular) with<br>reduc\$4 same \$6random<br>with number with generat<br>\$3  | US-PGPUB;<br>USPAT | OR               | ON      | 2007/07/05<br>12:20 |

|     |      |  |                 |    |     |                  |
|-----|------|--|-----------------|----|-----|------------------|
| S11 | 1212 | Barrett with (algorithm method (modular near reduc\$4))  | US-PGPUB; USPAT | OR | ON  | 2007/07/05 12:21 |
| S12 | 170  | Barrett near (algorithm method (modular near reduc\$4))  | US-PGPUB; USPAT | OR | ON  | 2007/07/05 12:21 |
| S13 | 1    | Barrett near (algorithm method (modular near reduc\$4)) same (insert\$3 inject\$3 add\$5) with error     | US-PGPUB; USPAT | OR | ON  | 2007/07/05 12:22 |
| S14 | 1    | Barrett near (algorithm method (modular near reduc\$4)) same (insert\$3 inject\$3 add\$5) with random    | US-PGPUB; USPAT | OR | ON  | 2007/07/05 12:22 |
| S15 | 7205 | S9   | US-PGPUB; USPAT | OR | ON  | 2007/07/05 12:22 |
| S16 | 1    | Barrett near (algorithm method (modular near reduc\$4)) same (insert\$3 inject\$3 add\$5) with random\$4 | US-PGPUB; USPAT | OR | ON  | 2007/07/05 13:53 |
| S17 | 24   | ("5724279").URPN.  | USPAT           | OR | OFF | 2007/07/05 13:02 |
| S19 | 41   | (Barrett modular) near (algorithm modular near reduc\$4 multipl\$7) with random\$7                       | US-PGPUB; USPAT | OR | ON  | 2007/07/05 14:18 |
| S20 | 56   | (Barrett modular) near (algorithm reduc\$4 multipl\$7) with random\$7                                    | US-PGPUB; USPAT | OR | ON  | 2007/07/05 14:17 |
| S21 | 41   | (Barrett modular) near (algorithm modular near reduc\$4 multipl\$7) with random\$7                       | US-PGPUB; USPAT | OR | ON  | 2007/07/05 14:26 |
| S22 | 15   | S20 not S21  | US-PGPUB; USPAT | OR | ON  | 2007/07/05 14:18 |
| S23 | 15   | Barrett adj (algorithm reduc\$4)   | US-PGPUB; USPAT | OR | ON  | 2007/07/05 14:22 |
| S24 | 21   | Barrett adj2 (algorithm reduc\$4)  | US-PGPUB; USPAT | OR | ON  | 2007/07/05 14:22 |
| S25 | 66   | (modular) near2 (algorithm reduc\$4 multipl\$7) with random\$7   | US-PGPUB; USPAT | OR | ON  | 2007/07/05 14:35 |
| S26 | 0    | (Barrettmodular) near2 (algorithm reduc\$4 multipl\$7) and random\$7 near quotient                       | US-PGPUB; USPAT | OR | ON  | 2007/07/05 14:36 |

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| S27 | 1   | (Barrett modular) near2 (algorithm reduc\$4 multipl \$7) and random\$7 near quotient  | US-PGPUB; USPAT | OR | ON | 2007/07/05 14:36 |
| S28 | 73  | (Barrett modular) near2 (algorithm reduc\$4 multipl \$7) and random\$7 with (quotient error)  | US-PGPUB; USPAT | OR | ON | 2007/07/05 14:37 |
| S29 | 2   | (Barrett modular) near2 (algorithm reduc\$4 multipl \$7) same random\$7 with (quotient error)   | US-PGPUB; USPAT | OR | ON | 2007/07/05 14:41 |
| S30 | 2   | (Barrett modular) near2 (algorithm reduc\$4 multipl \$7) same quotient with error   | US-PGPUB; USPAT | OR | ON | 2007/07/05 15:32 |
| S31 | 0   | fastmm near algorithm   | US-PGPUB; USPAT | OR | ON | 2007/07/05 15:32 |
| S32 | 0   | fastmm  | US-PGPUB; USPAT | OR | ON | 2007/07/05 15:38 |
| S33 | 69  | congruent with modulus  | US-PGPUB; USPAT | OR | ON | 2007/07/05 15:49 |
| S34 | 0   | congruent with modulus same Barrett   | US-PGPUB; USPAT | OR | ON | 2007/07/05 15:49 |
| S35 | 1   | congruent with modulus same modular near reduct \$3   | US-PGPUB; USPAT | OR | ON | 2007/07/05 15:52 |
| S36 | 7   | congruent with modulus and modular near reduct \$3  | US-PGPUB; USPAT | OR | ON | 2007/07/05 16:00 |
| S37 | 126 | (calculat\$3 comput\$3) with (remainder) with (random\$7)   | US-PGPUB; USPAT | OR | ON | 2007/07/05 16:01 |
| S38 | 55  | (calculat\$3 comput\$3) with (remainder) with (random\$7) and modul\$2  | US-PGPUB; USPAT | OR | ON | 2007/07/05 16:16 |
| S39 | 5   | (calculat\$3 comput\$3) with (residue) with (random\$7) same modul \$2  | US-PGPUB; USPAT | OR | ON | 2007/07/05 16:20 |
| S40 | 37  | (sequent\$6 consecutive \$2) with (one\$time\$code one\$time\$pass\$word one \$time\$pass\$phrase OTC OTP)                                | US-PGPUB; USPAT | OR | ON | 2007/07/06 11:09 |
| S41 | 10  | (sequent\$6 consecutive \$2) with (one near time near code one near time near pass\$word one near time near pass\$phrase OTC OTP) not S40 | US-PGPUB; USPAT | OR | ON | 2007/07/06 11:09 |

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| S42 | 3773   | (remainder residue modul \$2) with (algorithm calculat \$3 comput\$3) with random \$7                                 | US-PGPUB; USPAT        | OR | ON  | 2007/07/06 13:41 |
| S43 | 29     | (remainder residue modul \$2) with (algorithm calculat \$3 comput\$3) with random \$7 and Barrett                     | US-PGPUB; USPAT        | OR | ON  | 2007/07/06 13:43 |
| S44 | 324    | (add\$5 insert\$3 inject\$3) with random\$7 with modul \$2 with (reduc\$4 arithmetic algorithm comput\$5 calculat\$3) | US-PGPUB; USPAT        | OR | ON  | 2007/07/06 13:44 |
| S45 | 37     | (add\$5 insert\$3 inject\$3) with random\$7 with modul \$2 near (reduc\$4 arithmetic algorithm comput\$5 calculat\$3) | US-PGPUB; USPAT        | OR | ON  | 2007/07/06 13:51 |
| S46 | 45132  | modul\$2 near (reduc\$4 arithmetic algorithm comput\$5 calculat\$3 multipl\$7)  | US-PGPUB; USPAT        | OR | ON  | 2007/07/06 13:52 |
| S47 | 9      | random\$7 near quotient   | US-PGPUB; USPAT        | OR | ON  | 2007/07/06 13:54 |
| S48 | 37     | random\$7 with (disrupt\$3 mask\$3) with power with (usage consumption)   | US-PGPUB; USPAT        | OR | ON  | 2007/07/06 13:54 |
| S49 | 1      | S46 and S48   | US-PGPUB; USPAT        | OR | ON  | 2007/07/06 13:54 |
| S50 | 1      | "7073072".pn.   | US-PGPUB; USPAT        | OR | OFF | 2007/12/12 09:33 |
| S51 | 0      | ("7073072").URPN.   | USPAT                  | OR | OFF | 2007/12/12 09:35 |
| S52 | 7      | ("5623548"   "5991415"   "6049613"   "6064740"   "6327661"   "6381699"   "6986054").PN.                               | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/12 09:41 |
| S53 | 6      | S52 and random\$7   | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/12 09:49 |
| S54 | 1      | S52 and random\$7 with (quotient divi\$4)   | US-PGPUB; USPAT; USOCR | OR | ON  | 2007/12/12 09:49 |
| S55 | 0      | barret near method same random\$7   | US-PGPUB; USPAT        | OR | ON  | 2007/12/12 10:25 |
| S56 | 24     | barret near method  | US-PGPUB; USPAT        | OR | ON  | 2007/12/12 10:24 |
| S57 | 750367 | random\$7   | US-PGPUB; USPAT        | OR | ON  | 2007/12/12 10:25 |
| S58 | 3      | S56 and S57   | US-PGPUB; USPAT        | OR | ON  | 2007/12/12 12:38 |

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| S59 | 1    | "20040006703".pn.   | US-PGPUB;<br>USPAT                                      | OR | ON  | 2007/12/12<br>12:38 |
| S60 | 1    | barrett\$1 near (algorithm<br>method equation calculat<br>\$3) and (random\$7 near<br>error estimat\$3 near<br>quotient)  | US-PGPUB;<br>USPAT                                      | OR | ON  | 2008/05/23<br>09:08 |
| S61 | 1    | barrett\$1 near (algorithm<br>method equation calculat<br>\$3) and (random\$7 near<br>error estimat\$3 near<br>quotient)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/05/23<br>09:08 |
| S62 | 1    | barrett\$1 near (algorithm<br>method equation calculat<br>\$3) and (random\$7 with<br>error estimat\$3 with<br>quotient)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/05/23<br>09:09 |
| S63 | 1    | (bit near scal\$3 with<br>reciprocal with modulus).<br>clm.   | US-PGPUB;<br>USPAT                                      | OR | ON  | 2008/10/20<br>22:30 |
| S64 | 9    | ((("20030079139") or<br>("20030206629") or<br>("20030208518") or<br>("20030212729") or<br>("20040019622") or<br>("20040066934") or<br>("20060282491") or<br>("5185711") or<br>("6049815"))).PN. | US-PGPUB;<br>USPAT                                      | OR | OFF | 2009/02/24<br>11:57 |
| S65 | 1    | ("20080109501").PN.   | US-PGPUB;<br>USPAT                                      | OR | OFF | 2009/06/08<br>14:17 |
| S66 | 1821 | 380/28.ccls.  | US-PGPUB;<br>USPAT                                      | OR | OFF | 2009/06/08<br>14:44 |
| S67 | 2440 | 714/724.ccls.   | US-PGPUB;<br>USPAT                                      | OR | OFF | 2009/06/08<br>14:45 |
| S68 | 0    | S66 and S67   | US-PGPUB;<br>USPAT                                      | OR | OFF | 2009/06/08<br>14:45 |
| S69 | 1    | (bit near scal\$3 with<br>reciprocal with modulus).<br>clm.   | US-PGPUB;<br>USPAT                                      | OR | ON  | 2009/06/08<br>14:46 |

## EAST Search History (1 Interference)

| Ref # | Hits | Search Query  | DBs         | Default Operator | Plurals | Time Stamp       |
|-------|------|---|-------------|------------------|---------|------------------|
| L2    | 0    | (bit near scal\$3 with<br>reciprocal with modulus).<br>clm. | USPAT; UPAD | OR               | ON      | 2009/10/22 09:12 |

10/ 22/ 09 9:18:58 AM

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